

## Award Recipient of the Energy Star Challenge for Industry



Toledo Transmission Plant  
General Motors Company  
1455 Alexis Rd.  
Toledo, OH 43612

General Motors' (GM) Toledo Transmission Plant employs more than 1,900 people. Founded in 1916, the plant produced truck transfer cases and transmissions for four- and six-wheel-drive military trucks throughout World War II. Today, housed in a state-of-the-art 2.1 million square feet facility on 151 acres, the plant produces and assembles GM's fuel-efficient 6 speed and 8 speed transmissions.

The plant achieved the EPA's ENERGY STAR® Challenge for Industry in 2010 and then again in 2013 reducing its energy intensity by 32.9% and 27%, respectively. Toledo's reductions achieved in 2013 avoided 37,783 tons of CO<sub>2</sub> from entering the atmosphere — the equivalent of electricity use by 5,656 U.S. homes annually.

Energy efficiency was accomplished through using energy-saving tactics such as installing energy management software to automatically control more than 2,700 light fixtures when not in use.

Toledo Transmission strives to further reduce its environmental footprint through additional efforts, such as:

- Renewable energy – Utilizing 4.6 megawatts of renewable energy from a solar array on the plant's rooftop and through the use of landfill gas.
- Landfill-free certification – The plant sends no waste to landfills. Waste from daily operations is recycled, reused or converted to energy.

GM's Toledo Transmission Plant avoided more than \$5.8 million in energy costs annually through its efforts.

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